

UK Patent Application GB 2 194 976 A

(43) Application published 23 Mar 1988

(21) Application No 8620752

(22) Date of filing 27 Aug 1986

(71) Applicants

James Clinton Boodrie,
5 Robert Wallace Close, Bishops Stortford, Herts
CM23 2TG.

Peter George Richardson,
8 Gerald Avenue, Bishops Stortford, Herts CM23 4DU

(72) Inventors

James Clinton Boodrie
Peter George Richardson

(74) Agent and/or Address for Service

J. C. Boodrie,
5 Robert Wallace Close, Bishops Stortford, Herts
CM23 2TG

(51) INT CL⁴
E04H 15/00

(52) Domestic classification (Edition J):
E1D 192 2019 427 503 541 F155 GS
U1S 1734 E1D

(56) Documents cited

GB A 2120297	GB 1313155	EP A2 0173438
GB A 2110261	GB 0813749	US 3847170
GB 1600242		

(58) Field of search

E1D
E1A
Selected US specifications from IPC sub-classes A45F
E04F E04H

(54) Multi-purpose portable
weathershelter

(57) A framed, collapsible unit
covered by a material to provide
protective functions. Folding
couplings and locking brackets
provide the stability and rigidity when
erected. When collapsed and folded,
the unit is fully portable and
transportable.

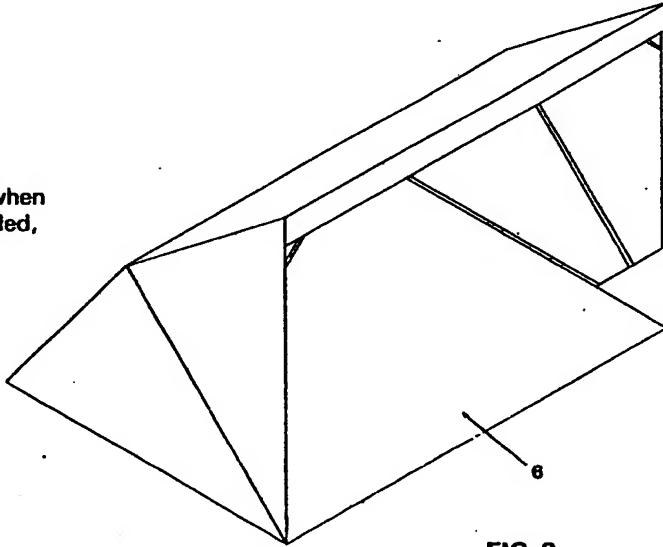


FIG 3

GB 2 194 976 A

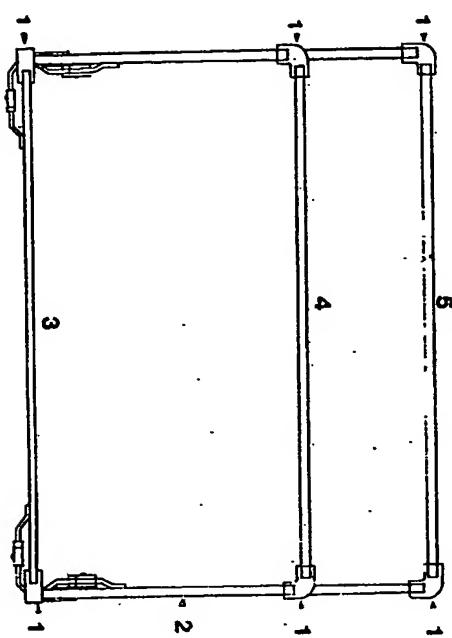
Best Available Copy

E.O. Original

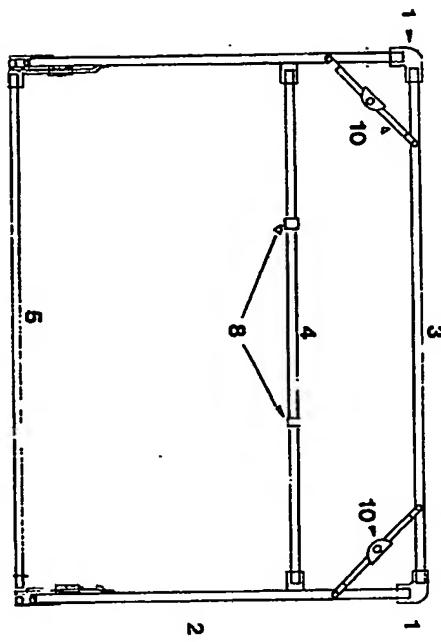
D F A
27 AUG. 86- 20752

2194976

PLAN



FE



1/5

SE

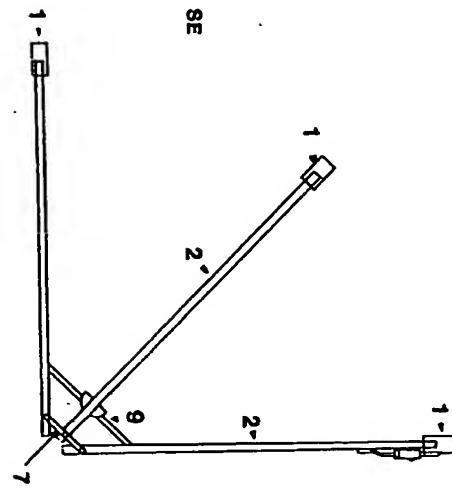


FIG 1

P.O. Original

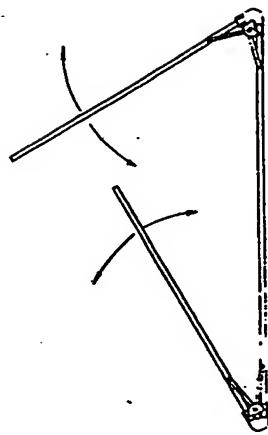
27 AUG. 86- 20752
DFA

2194976

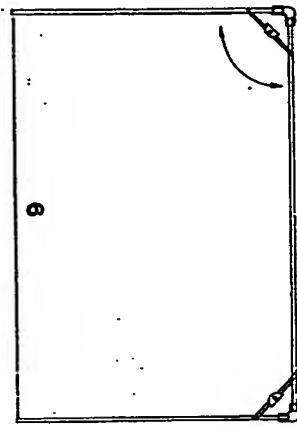
A



B



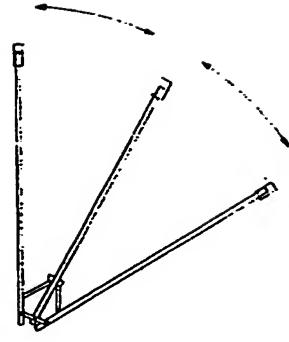
C



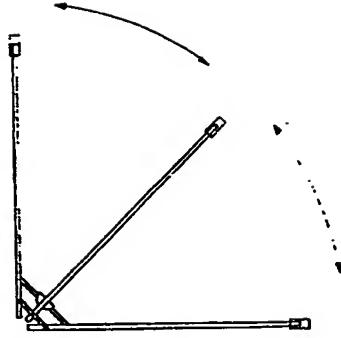
2/5



A



D



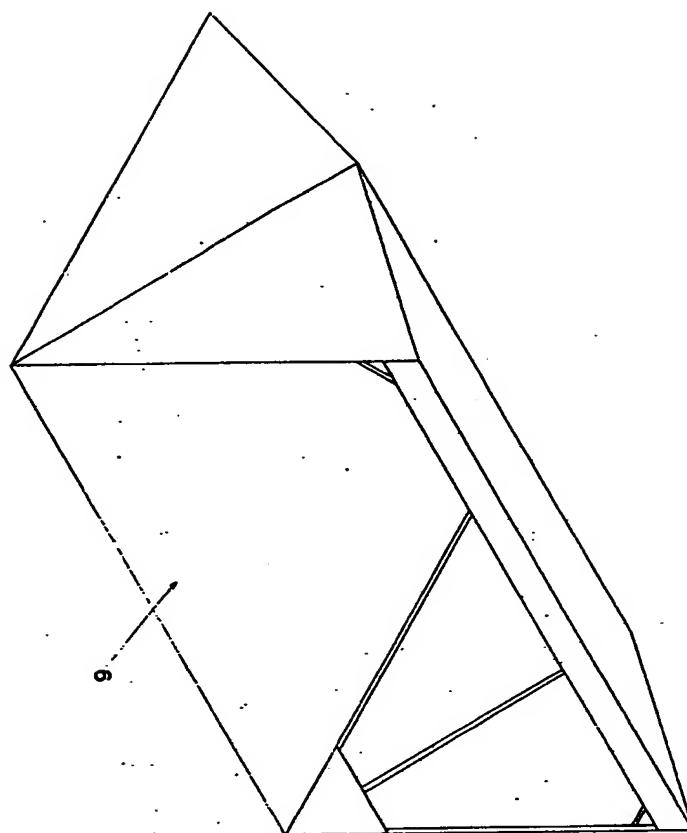
E

FIG 2

F.O. Original

27 AUG. 86 - 20752
D F A

2194976



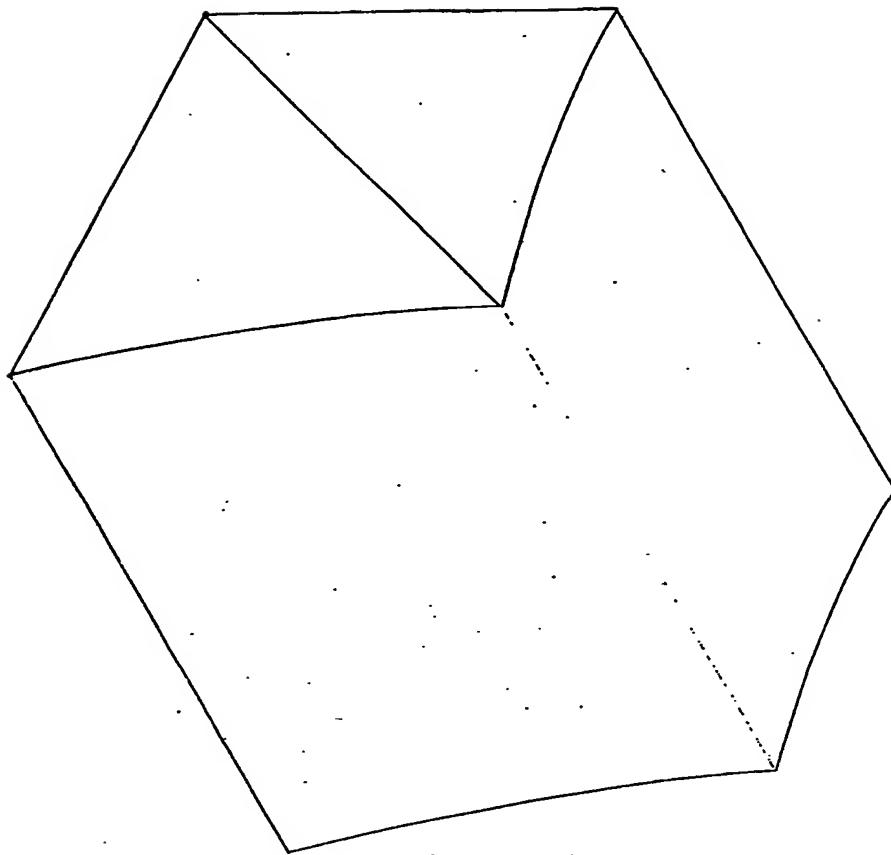
3/5

FIG 3

P.O. Original

D F A
27 AUG 66 - 20752

2194976



4/5

FIG 4

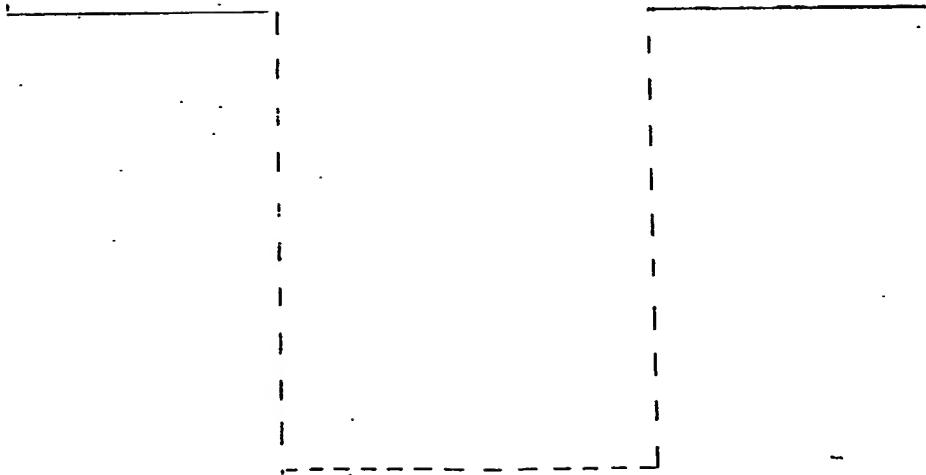
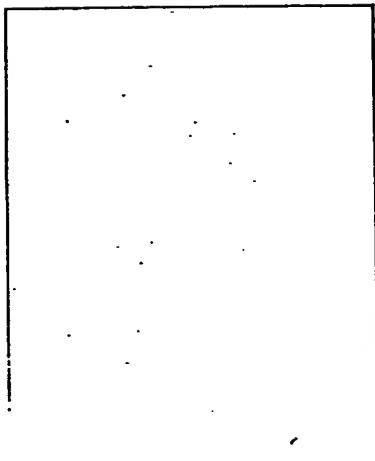
E.O. Originat

27 AUG. 66- 20752
D F A

2194976

5/5

FIG 5



SPECIFICATION**Multi-purpose portable weathershelter**

- 5 This invention relates to a Multi-purpose Portable Weathershelter.
- The invention provides an open air shelter. The shape also lends itself to being used as a portable football goal by changing the covering. It provides protection from the elements. The prime inventive feature is that it is erected and collapsed as a single unit, without the problems of assembly and as such is wholly and easily portable and transportable.
- 10 According to the present invention there is provided a multi-purpose portable weathershelter, which can be erected and collapsed/-folded by means of folding couplings and brackets. The shelter feature is provided by a cover, preferably material, for the framework which adds to the stability and rigidity of erected unit.
- 15 A specific embodiment of the invention will now be described by way of example with reference to the accompanying drawings as follows:-

Figure 1 shows front, plan and side elevations of framework.

- 20 Figure 2 shows framework in erected and folded down form from side angle (A, D, E) and plan (A, B, C).

25 Figure 3 and 4 shows complete unit with covering fitted in erected form with front and back views.

- 30 Figure 5 shows plan of covering.
- The unit in the folded flat portable position (Fig. 2/A) is placed on an approximately horizontal surface. Folding couplings (Fig. 1/1) allow side frames (Fig. 1/2) to be pulled out to an angle of 90° (Figs. 2/B, 2/C) to the base, middle and top frames (Figs. 1/3, 1/4 and 1/5), which pulls the material base (Fig. 2/6) and Fig. 3/6) into position as per (Fig. 2/C).

- 35 By pulling the front top frame (Fig. 1/3) upwards as in (Figs. 2/D, 2/E) the unit is raised to its completed shape (Fig. 3 and Fig. 4).

- The side frames (Fig. 1/2) are held in their correct position by brackets (Fig. 1/7) and the back centre frame (Fig. 1/4) by attachment to the back covering (Fig. 1/8).

40 Stability and rigidity is provided by securing side and top locking brackets (Fig. 1/9) and (Fig. 1/10).

- 45 Collapsing is by releasing locking brackets (Fig. 1/9) and (Fig. 1/10) and letting the unit collapse (Fig. 2/C), folding the frames (Fig. 1/2) as in (Fig. 2/B) to return to position (Fig. 2/A) from which the unit can be wrapped in the base material (Fig. 2/6) for ease of transportation.

CLAIMS

1. The invention provides the facility of transforming a portable, collapsed material covered framework into an erected weather-

shelter without the need for assembly.

2. Referring to 1. above, the need for assembly is obviated by the combined use of folding couplings, locking brackets and centre

- 50 frame supports.

3. The material covering, of which the base section is an essential feature, contributes to the stability and function of the erected unit.

- 55 4. Referring to 1. above, once assembled, the material base contributes to the stability of the unit when weight is applied.

Published 1988 at The Patent Office, State House, 66/71 High Holborn, London WC1R 4TP. Further copies may be obtained from The Patent Office, Sales Branch, St Mary Cray, Orpington, Kent BR5 3RD. Printed by Burgess & Son (Abingdon) Ltd. Cor. 1/87.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.